

FORM PTO-1449 (Rev. 2-32) APR 19 2004 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 436/13	APPL. NO.: 10/735,988
	APPLICANT: Somenath Mitra et al.	
	FILING DATE: December 15, 2003	GROUP ART UNIT: 3753 1724

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BA							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

RHS	CA	A. Friedberger et al.; A Versatile And Modularizable Micromachining Process For The Fabrication Of Thermal Microsensors And Microactuators; Journal of Micromechanics and Microengineering; 9/7/2001; pp. 623-629.
RHS	CB	Ivonne Schneegaß, et al.; Miniaturized Flow-Through PCR With Different Template Types In A Silicon Chip Thermocycler; Institute of Physical High Technology; 8/9/2001; pp. 1-16.
RHS	CC	John S. Suehle, et al.; Tin Oxide Gas Sensor Fabricated Using CMOS Micro-Hotplates and <i>In-Situ</i> Processing; IEEE Electron Device Letters; Vol. 14, No. 3, March, 1993; pp. 118-120.
RHS	CD	*Yukikio Hosoda et al.; Fabrication And Applications Of Polymer-Based Microchannel-Heater Chip As Microreactor; Micro Total Analysis Systems, 2002.
RHS	CE	*J. Laconte et al.; SOI CMOS Compatible Low-Power Microheater Optimization And Fabrication For Smart Gas Sensor Implementations; IEEE International Conference on Sensors; 2002.
RHS	CF	*Gwi-y-Sang Chung et al.; The Fabrication Of Micro-Heaters With Low-Power Consumption Using SOI And Trench Structures; Metals and Materials International; 2002.
RHS	CG	*V. Guarnieri et al.; Low-Power Silicon Microheaters On A Thin Dielectric Membrane With Thick-Film Sensing Layer For Gas Sensor Applications; Microelectronics, Microsystems and Nanotechnology; 2000.
RHS	CH	*Yaowu Mo et al.; Low-Voltage And Low-Power Optimization Of Micro-Heater And Its On-Chip Drive Circuitry For Gas Sensor Array; Sensors and Actuators, A: Physical, 2002.

*ABSTRACT ONLY

EXAMINER Robert H. Spitzer	DATE CONSIDERED October 3, 2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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<i>RHS</i>	CI	*W. C. Tian et al.; Freestanding Microheaters In Si With High Aspect Ratio Microstructures; Journal of Vacuum Science & Technology, B: Microelectronics and Nanometer Structures; 2002.
<i>RHS</i>	CJ	*Tailian Chen et al.; Coalescence Of Bubbles In Nucleate Boiling On Microheaters; International Journal of Heat and Mass Transfer; 2002.
<i>RHS</i>	CK	*A. V. Korlyakov et al.; Infrared Microradiator Based On SiC-on Insulator Thin-Film Structures; Journal of Optical Technology; 2001.
<i>RHS</i>	CL	*Y. Mo. et al.; Micro-Machined Gas Sensor Array Based On Metal Film Micro-Heater; Sensors and Actuators, B: Chemical; 2001.
<i>RHS</i>	CM	*Gwi-y-Sang Chung et al.; Fabrication Of Pt Microheater Using Aluminum Oxide As A Medium Layer And Its Characteristics; Sensors and Materials; 1998.
<i>RHS</i>	CN	*Carole Rossi et al.; Realization And Performance Of Thin SiO ₂ /SiN _x Membrane For Microheater Applications; Sensors and Actuators, A: Physical; 1998.

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